

- Compact DIN Rail mount
- Charge amplifier SMB connector
- Dimensions – 27x83x114mm (exc. Connectors)
- Weight – 180gms
- Fits standard 35mm and 15mm DIN rails
- Power on indication
- 9 – 30 V DC power input
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The DR1000-C is a unique DIN rail mount low noise charge amplifier developed and built by Kemo Ltd.

Ideally suited to industrial application using charge output devices such as high temperature industrial accelerometers.

Connection is via an SMB connector and mating cables can be supplied. DC input power in the range of 9-30VDC is required making it ideal for many site applications.

Specification	
Power Input	9 – 30 Volts DC, 2.5 Watt. Polarity protected, isolated from signal path.
Connections	SMB connector for Charge input
Indicators	External LED indicator shows correct power to unit
Operating Temp.	10 to 45 °C, non-condensing.
Input Coupling	DC / AC (with dual line AC coupling for differential input)
Input Mode	Single ended
Input Impedance	1 MΩ
Input Gain	x1,x2,x5,x10,x20,x50,x100,x200,x500,x1000. Set by on board jumpers.
Bandwidth	0 dB gain, > 500 kHz
Signal Level	+/- 10 Volt pk-pk
Noise and THD	< 0.003% typical (depending on filter type, signal amplitude and frequency)
Output Impedance	47Ω
Outputs	2 Buffered voltage outputs

Due to continued product development Kemo Limited reserve the right to change specification without notice.